

## AMENDMENTS TO THE SPECIFICATION

Please substitute the following Abstract for the previously filed Abstract:

### Abstract

A corrosion-inhibiting composition for application to a metal substrate, such as aluminum or steel, and in connection with a paint, and the synthesis of the composition. The active inhibitor constituent of the composition can be selected from the group consisting of 2,5-dimercapto-1,3,4 thiadiazole (DMTD), 2,4-dimercapto-s-triazolo-[4,3-b]-1,3-4-thiadiazole, trithiocyanuric acid (TMT), and derivatives of DMTD and TMT, including various N- or S- and N, N-, S- and N,S-substituted derivatives of DMTD, including salts of DMTD of the general formula:  $M(\text{DMTD})_n$ , where  $n = 1, 2$  or  $3$ , and  $M$  is a metal cation and preferably  $M = \text{Zn(II)}$ ,  $\text{Bi(III)}$ ,  $\text{Co(II)}$ ,  $\text{Ni(II)}$ ,  $\text{Cd(II)}$ ,  $\text{Pb(II)}$ ,  $\text{Ag(I)}$ ,  $\text{Sb(III)}$ ,  $\text{Cu(II)}$ ,  $\text{Li(I)}$ ,  $\text{Ca(II)}$ ,  $\text{Sr(II)}$ ,  $\text{Mg(II)}$ ,  $\text{La(III)}$ ,  $\text{Ce(III)}$ ,  $\text{Pr(III)}$ ,  $\text{Al(III)}$  or  $\text{Zr(IV)}$ . DMTD, TMT, and their derivatives may also be combined with phosphates, molybdates, borates, silicates, tungstates, phosphotungstates, phosphomolybdates, cyanamides, carbonates,  $\text{SiO}_2$  and mixtures thereof.